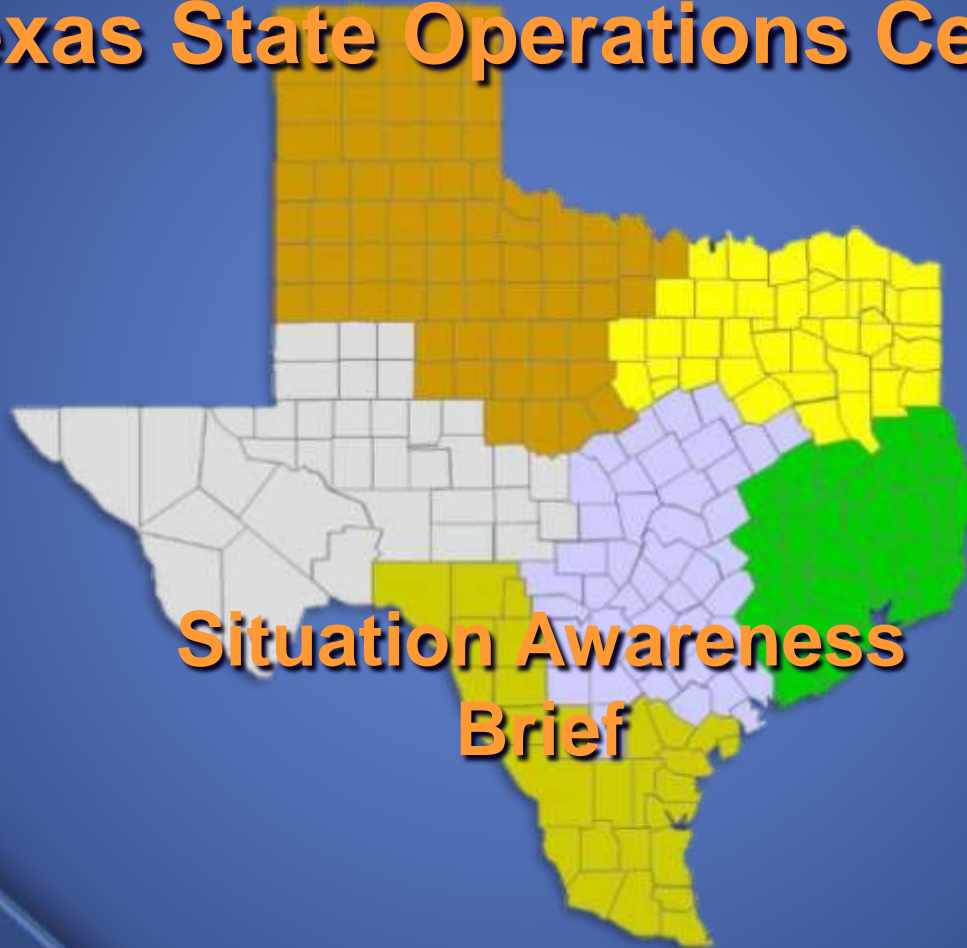


# **Texas Division of Emergency Management**

## **Texas State Operations Center**



### **Situation Awareness Brief**



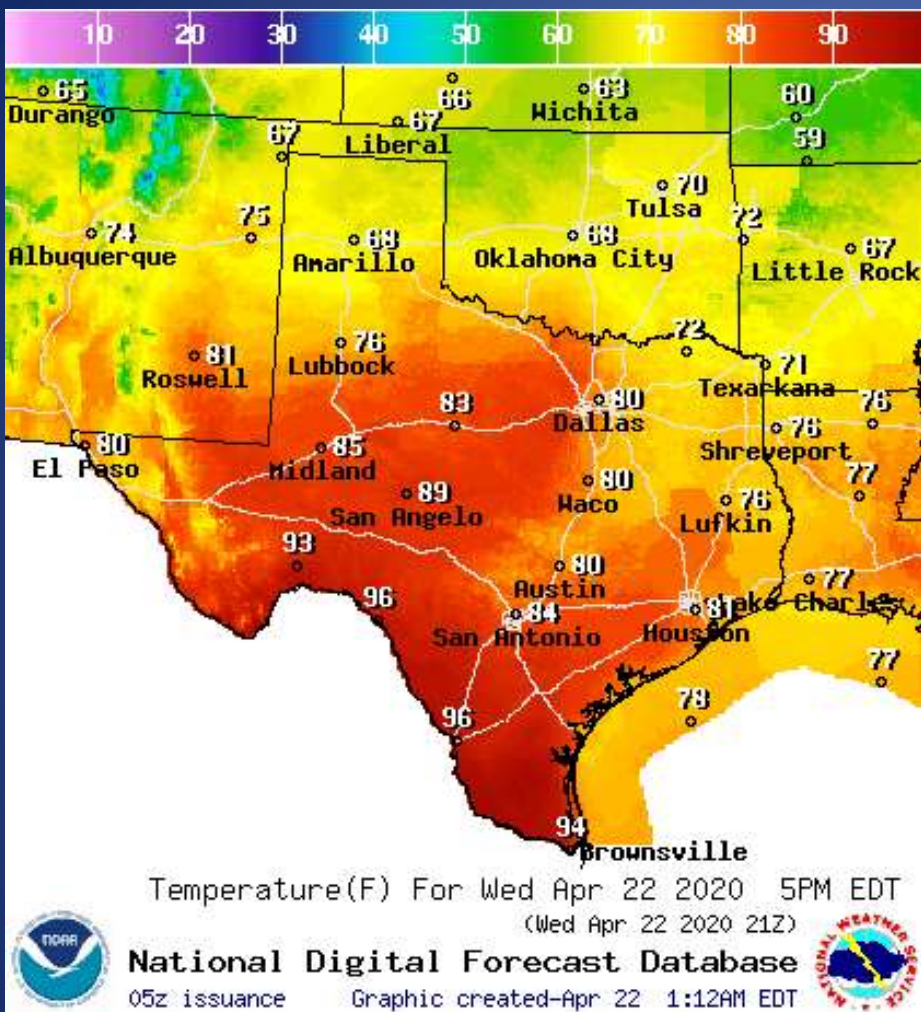
**Wednesday, April 22<sup>nd</sup> 2020**  
**As of 0900 CST**

# Informational Products

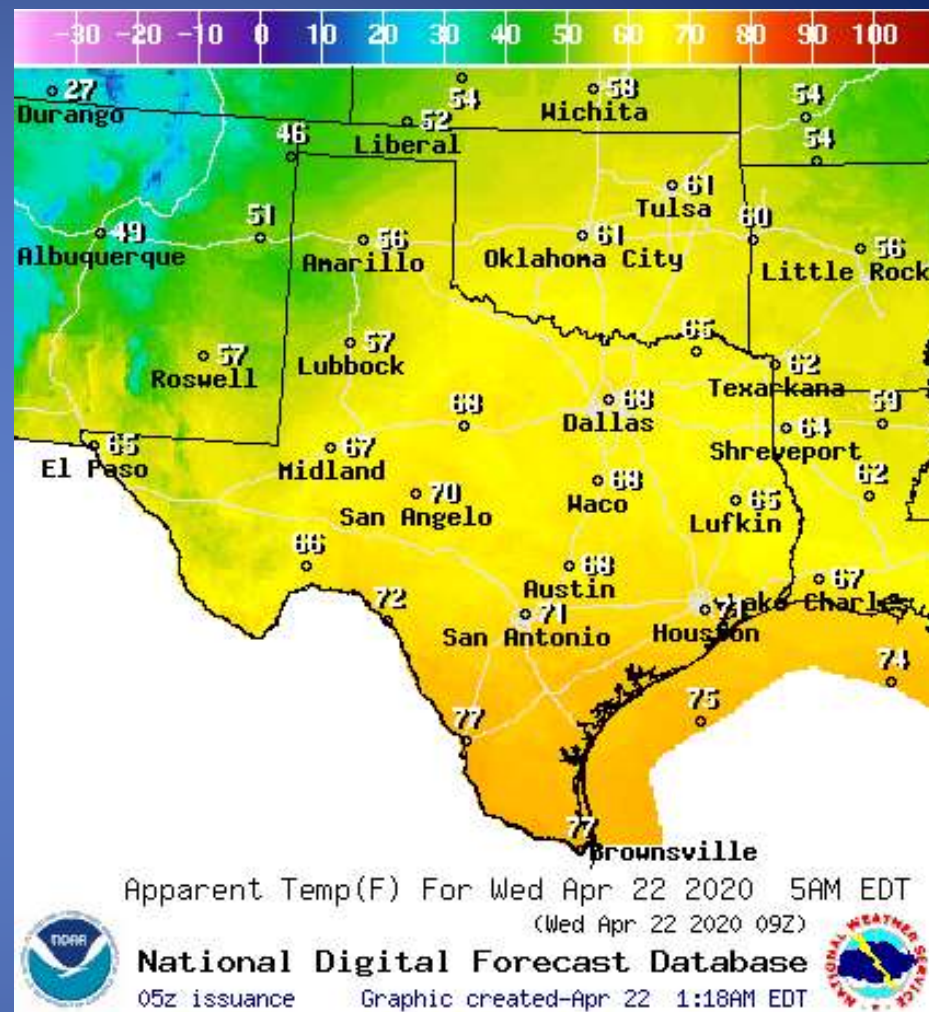
## Distributed by the State Operations Center

DATE	SUBJECT
04/21/20	NWS Fort Worth Update: Severe Weather Threat Increases Late Tonight And Wednesday
04/21/20	Silver Alert Discontinued - Lake Worth PD
04/21/20	NWS Southern Region-ROC: State of Texas NWS Weather Update - 10:00am Tuesday, April 21, 2020
04/21/20	FEMA REGION 6 WATCH DAILY SITUATIONAL AWARENESS REPORT
04/21/20	NWS Lake Charles weather update: 1230 pm Tue 4.21.20
04/21/20	NWS Norman: Severe Weather Update - Tue Apr 21 2020
04/21/20	NWS Houston/Galveston Severe Weather Update for Wednesday 04/22
04/22/20	NWS Shreveport Severe Weather and Flash Flooding possible across the Four State Region
04/22/20	NWS Houston Galveston Severe Storms Possible This Afternoon
04/22/20	Daily NWS Threat Brief for Wednesday, April 22, 2020 for FEMA Region 6
04/22/20	NWS Brownsville: Late Spring and Summer 2020 Weather/Climate Preview: Dangerous Heat, Persistent Drought, and Potential Wildfire Growth Situations Are Primary Concerns

# Weather Forecast



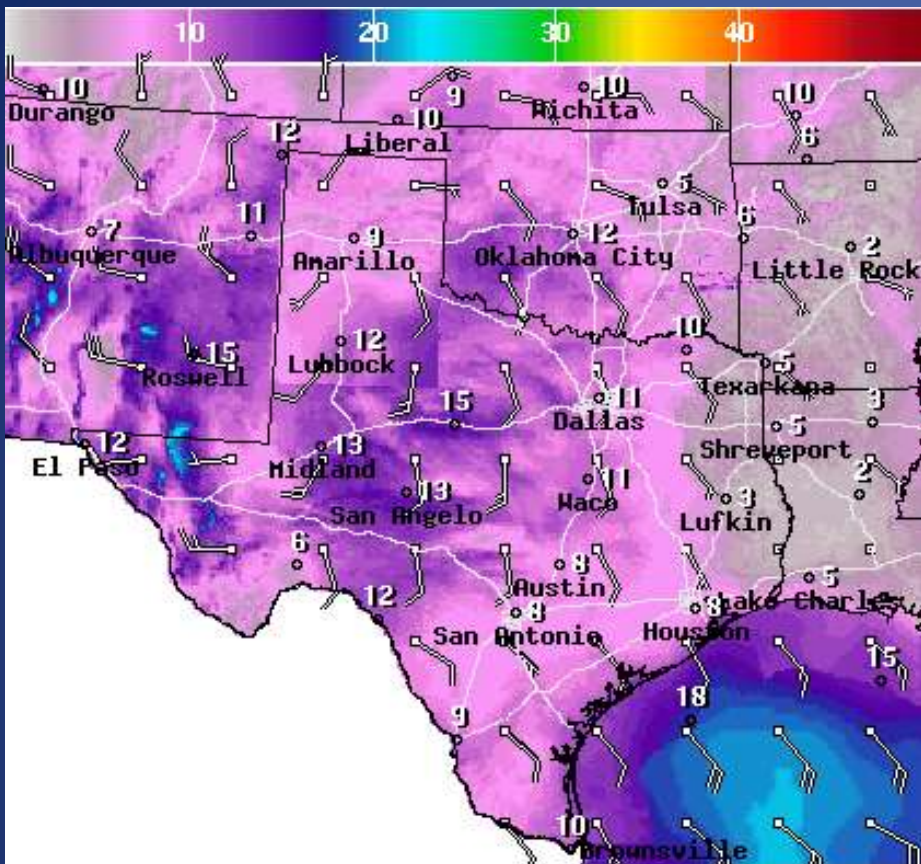
## Highs



## Lows



# Weather Forecast



WindSpd(Kts) & WindDir For Wed Apr 22 2020 5AM EDT

(Wed Apr 22 2020 09Z)



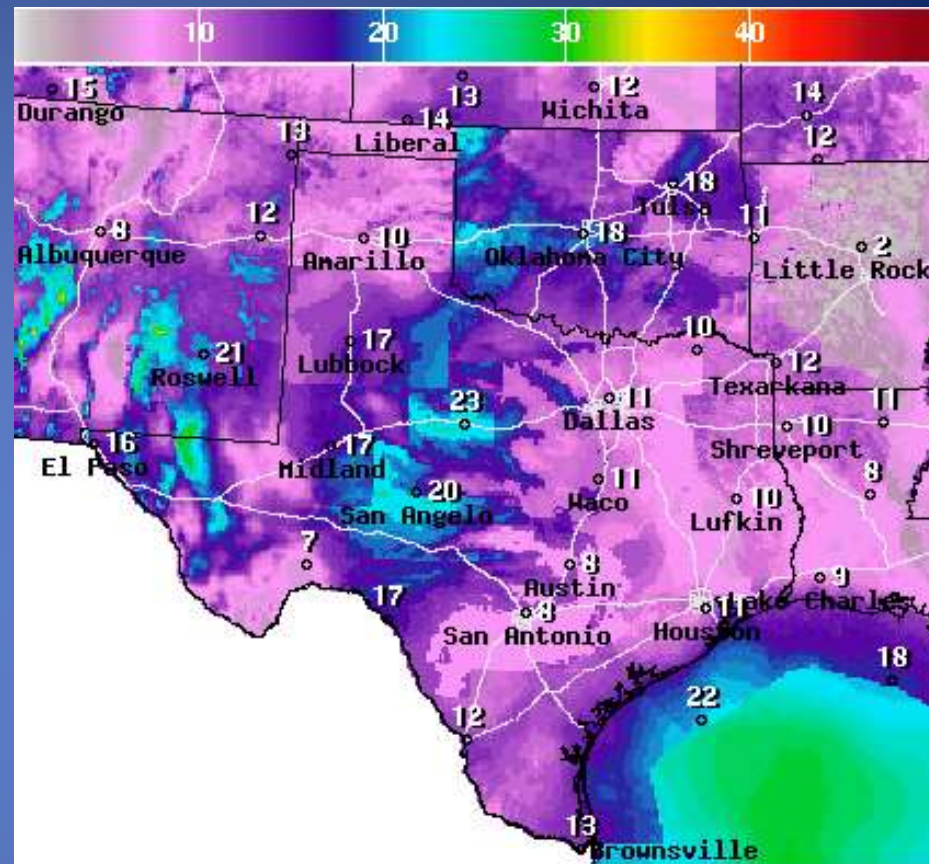
National Digital Forecast Database

05z issuance

Graphic created-Apr 22 1:17AM EDT



## Wind Speeds



Wind Gust(Kts) Wed Apr 22 2020 5AM EDT

(Wed Apr 22 2020 09Z)



National Digital Forecast Database

05z issuance

Graphic created-Apr 22 1:20AM EDT



## Gusts

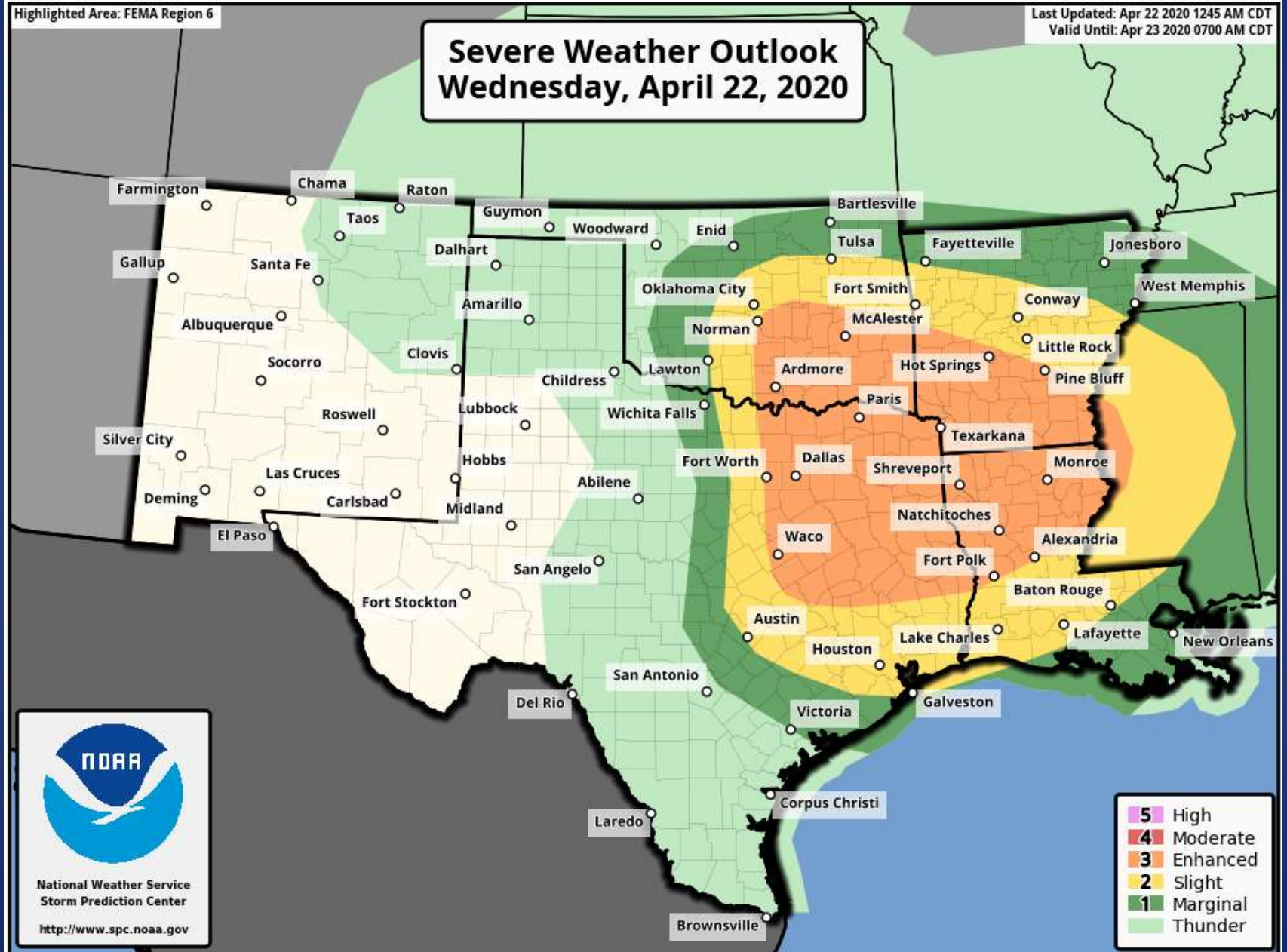


# Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Apr 22 2020 1245 AM CDT  
Valid Until: Apr 23 2020 0700 AM CDT

## Severe Weather Outlook Wednesday, April 22, 2020



# Hazardous Weather

## Warm and Windy Today

Weather Forecast Office  
Midland/Odessa, TX



Issued April 22, 2020 4:00 AM CT

Critical fire weather west



Much above normal temperatures along with strong winds and low humidity will lead to critical fire weather conditions over portions of the area.

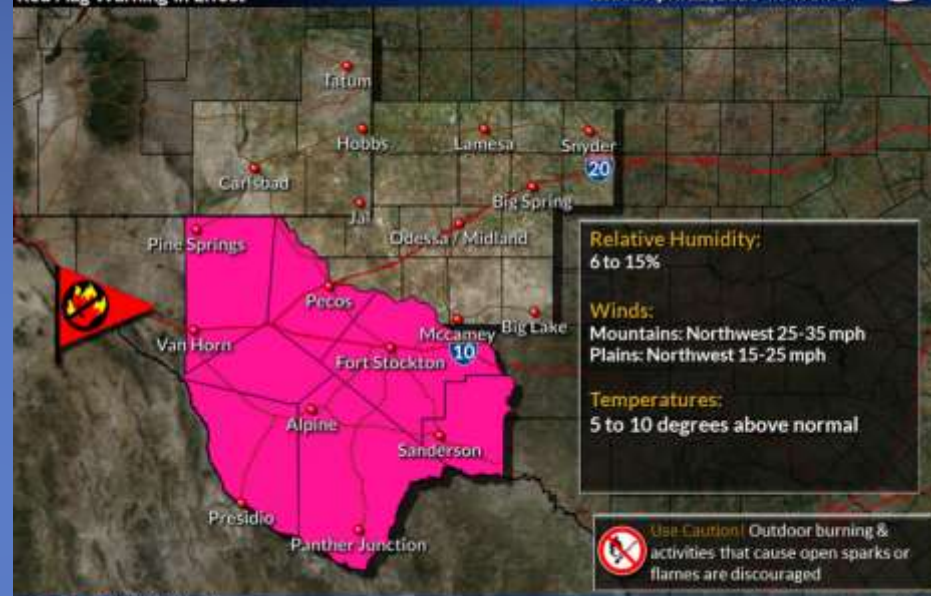
## Critical Fire Weather Today

Weather Forecast Office  
Midland/Odessa, TX



Issued April 22, 2020 4:04 AM CT

Red Flag Warning in Effect



Relative Humidity:  
6 to 15%

Winds:  
Mountains: Northwest 25-35 mph  
Plains: Northwest 15-25 mph

Temperatures:  
5 to 10 degrees above normal

Use Caution! Outdoor burning & activities that cause open sparks or flames are discouraged

NWSMidland

weather.gov/maf

NWSMidland

weather.gov/maf



# Hazardous Weather

## Wednesday Severe Storms

Chances will continue throughout the day.

Weather Forecast Office  
Norman, OK  
Issued Apr 22, 2020 4:04 AM CDT



f t NWSNorman

weather.gov/norman

Severe thunderstorm potential may increase during the afternoon across portions of the area. The greatest chance of severe storms is across south-central and southeast Oklahoma and adjacent areas of north Texas. Large hail and damaging winds will be possible.

## Wind Advisory

In effect from 10 AM to 7 PM

Weather Forecast Office  
Lubbock, TX  
Issued Apr 22, 2020 3:27 AM CDT



f t NWSLubbock

weather.gov/lub

Northwesterly winds of 25 to 35 mph, with gusts to 45 mph, will be common in the Wind Advisory today. The Wind Advisory is in effect from 10 am to 7 pm. Even outside of the Advisory, winds will be gusty through the day today. Secure any outdoor items that could be blown away!

# Hazardous Weather

## Elevated to Near Critical Fire Danger Wednesday

Weather Forecast Office  
San Angelo, TX  
Issued Apr 22, 2020 6:23 AM CDT



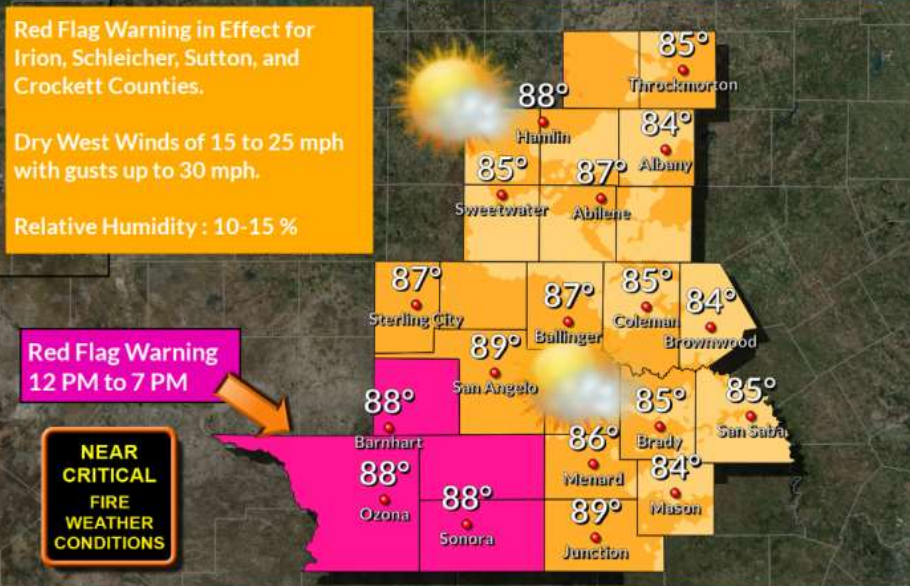
Red Flag Warning in Effect for Irion, Schleicher, Sutton, and Crockett Counties.

Dry West Winds of 15 to 25 mph with gusts up to 30 mph.

Relative Humidity: 10-15 %

Red Flag Warning  
12 PM to 7 PM

NEAR  
CRITICAL  
FIRE  
WEATHER  
CONDITIONS



f t NWS San Angelo

weather.gov/sjt

Elevated to near critical fire weather conditions are expected this afternoon as gusty west winds develop this morning. Afternoon relative humidity values will fall into the 10 to 20 percent range south of I-20, with the lowest readings of 10 to 15 percent from the Concho Valley southward to the northern Edwards Plateau.

## Today's Severe Weather Threat

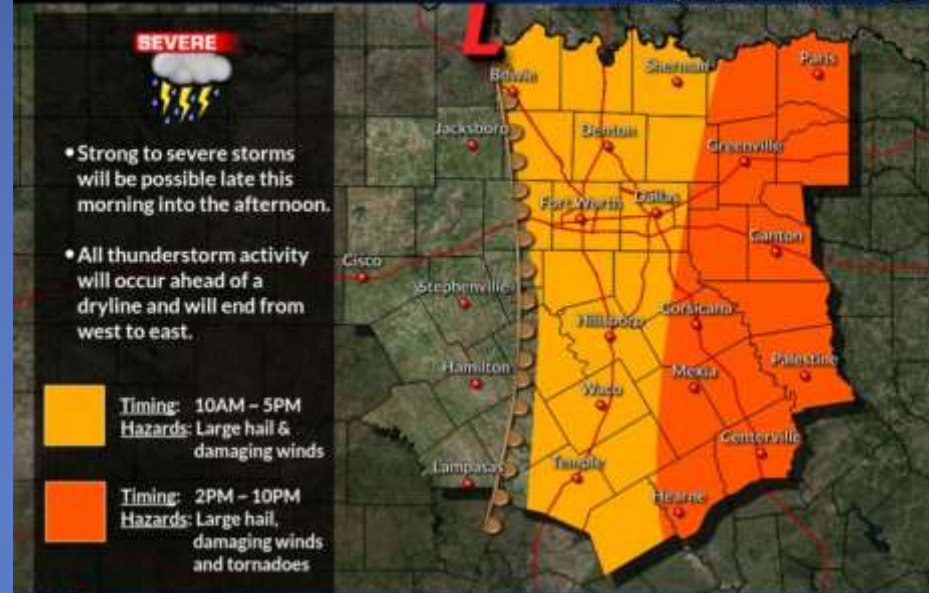
Weather Forecast Office  
Fort Worth, TX  
Issued Apr 22, 2020 3:32 AM CDT



SEVERE

- Strong to severe storms will be possible late this morning into the afternoon.
- All thunderstorm activity will occur ahead of a dryline and will end from west to east.

- |   |   |
|---|---|
| ■ | Timing: 10AM - 5PM<br>Hazards: Large hail & damaging winds              |
| ■ | Timing: 2PM - 10PM<br>Hazards: Large hail, damaging winds and tornadoes |



f t NWS Fort Worth

weather.gov/fortworth

Today will remain fairly active as a dryline approaches the region from the west. Strong to severe thunderstorms will be possible starting late this morning and through the afternoon hours. All types of severe weather will be possible. Make sure to remain weather aware today and have a trusted weather sources in case severe weather threatens your location.



# Hazardous Weather

## Severe Weather Risk – Today/Tonight

Weather Forecast Office  
Shreveport, LA



Valid from Wednesday 7:00 AM CDT through Thursday 7:00 AM CDT Issued April 22, 2020 3:34 AM CT



Another round of severe weather looks increasingly likely today through tonight as a strong upper level storm system will arrive and help shift a cold front across the region. Expect numerous showers and thunderstorms, some of which will likely be severe with all threats possible. Damaging winds appear to be the primary threat, with large hail and isolated tornadoes being secondary threats. Flash flooding will also be among the threats, with 1-3 inches of rainfall possible through Thursday morning.

## Flash Flood Watch in Effect

Weather Forecast Office  
Shreveport, LA



Valid 2 PM This Afternoon thru 7 AM Tonight

Issued Apr 22, 2020 4:57 AM CDT



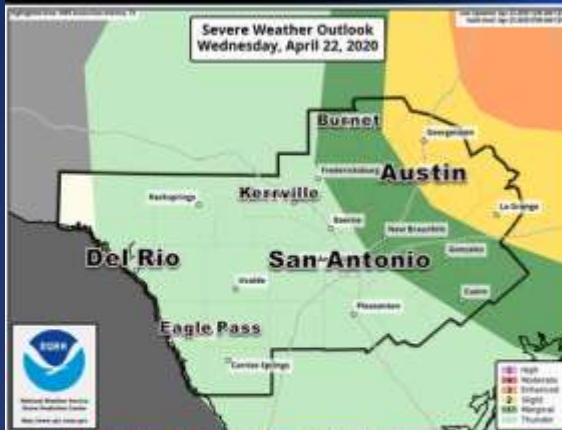
A Flash Flood Watch is in effect for the southern half of Northeast Texas, all of Northern Louisiana and South Central Arkansas from 2 pm this afternoon until 7 am Thursday. Widespread one to three inch rainfall amounts will be possible later today through tonight with isolated higher amounts. The ground remains saturated from recent rainfall thus, the increased flash flooding threat.



# Hazardous Weather

## Severe Weather Outlook Today

STRONG TO SEVERE STORMS LATE THIS MORNING AND AFTERNOON



Weather Forecast Office  
Austin/San Antonio  
Issued April 22, 2020 4:03 AM CT

- Threats:**
- Isolated to scattered strong to severe thunderstorms
  - Large hail, in excess of 1 inch in diameter
  - Damaging wind gusts to 60 MPH
- Where:**
- Best chances for severe storms anywhere in the green/yellow shaded areas
- When:**
- 10 AM to 4 PM today

### Threat Impact Levels:

	Min Threat	High Threat
Wind (60+ mph)		
Hail (>1")		
Tornadoes		
Flooding		

[f](#) [t](#) [v](#) [@NWSSanAntonio](#)

[weather.gov/ewx](http://weather.gov/ewx)

Isolated to scattered strong to severe storms are possible late this morning through this afternoon. There is a Marginal risk east of a Llano to Universal City to Cuero line with a Slight risk east of a Burnet to Austin to Schulenburg line. Large hail and damaging wind gusts are the main threats, but an isolated tornado or two cannot be ruled out.

## Today

Scattered showers and thunderstorms

Weather Forecast Office  
Houston/Galveston TX  
Issued Apr 22, 2020 3:21 AM CDT



Scattered to numerous showers and thunderstorms will develop this afternoon. Some of the storms will produce very large hail and strong gusty winds mainly north of I-10.

South of I-10, rain chances look lower but any storm that develops could be strong with gusty winds.

[f](#) [t](#) [v](#) [@NWSHouston](#)

[weather.gov/hgx](http://weather.gov/hgx)

A strong upper level disturbance and an approaching dry line will trigger afternoon showers and thunderstorms today. Some of the storms could be strong to severe, with very large hail and damaging winds, especially north of I-10. Keep an eye to the sky and keep up with the latest forecasts.



# Hazardous Weather

## Severe Storms Possible Today

Keep up with the latest forecasts

Weather Forecast Office  
Houston/Galveston, TX  
Issued April 22, 2020 3:55 AM CT



### What

A strong upper level storm system will move across the Southern Plains today. This feature will trigger scattered showers and thunderstorms. Some storms could be severe with large hail, damaging winds, and isolated tornadoes.

### When

The threat will occur generally from Noon to 8 PM beginning in the west and ending in the east.

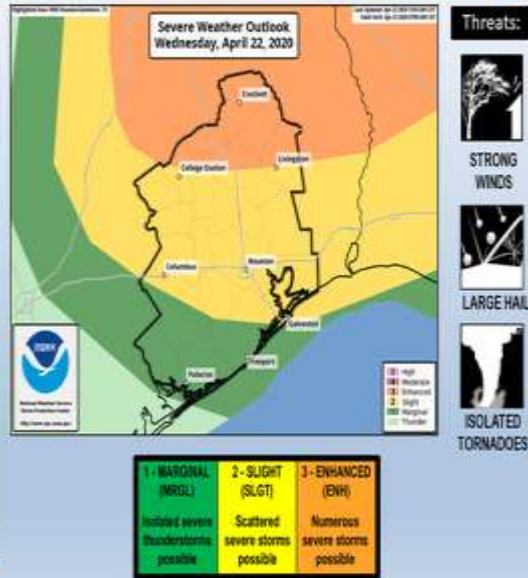
### Where

The potential for severe weather is greatest north of I-10, but it is possible anywhere across the region. The tornado threat is greatest in the "Enhanced Risk" areas.

### Weather Threats

**Primary:** Very large hail, damaging winds, lightning, isolated tornadoes

**Secondary:** Heavy rain in a short time period that could produce very localized street flooding.



@NWSHouston

weather.gov/Houston

## Wednesday Highs / Rain Chances

High temps and rain chances from 7am to 7pm Wednesday

Weather Forecast Office  
Lake Charles, LA  
Issued Apr 22, 2020 5:20 AM CDT



NWSLakeCharles

weather.gov/lch

There is a slight to enhanced risk of severe thunderstorms this afternoon into this evening. Very large hail, strong damaging winds and isolated tornadoes will be possible, especially areas north of I-10. Keep up with the latest forecasts.

Wednesday: A cold front approaching from the northwest leads to storm development in the afternoon. A few storms could be strong to severe, with damaging wind gusts, large hail, and a tornado or two possible. Additionally, a few stronger storms will be capable of periods of heavy rain, and could lead to localized areas of water ponding on roadways or flash flooding. Otherwise, expect a breezy day with sustained winds around 10 to 20 mph with occasional gusts to 30 mph.

# Hazardous Weather



THERE IS AN ENHANCED RISK OF SEVERE THUNDERSTORMS FROM SOUTHERN AND EASTERN OKLAHOMA AND NORTH-CENTRAL/EAST TEXAS TO PARTS OF WESTERN MISSISSIPPI.

The greatest severe-weather threat extends from parts of central/eastern Oklahoma to north-central/east Texas, to the lower Mississippi Valley. Tornadoes, severe hail and damaging gusts all are possible.

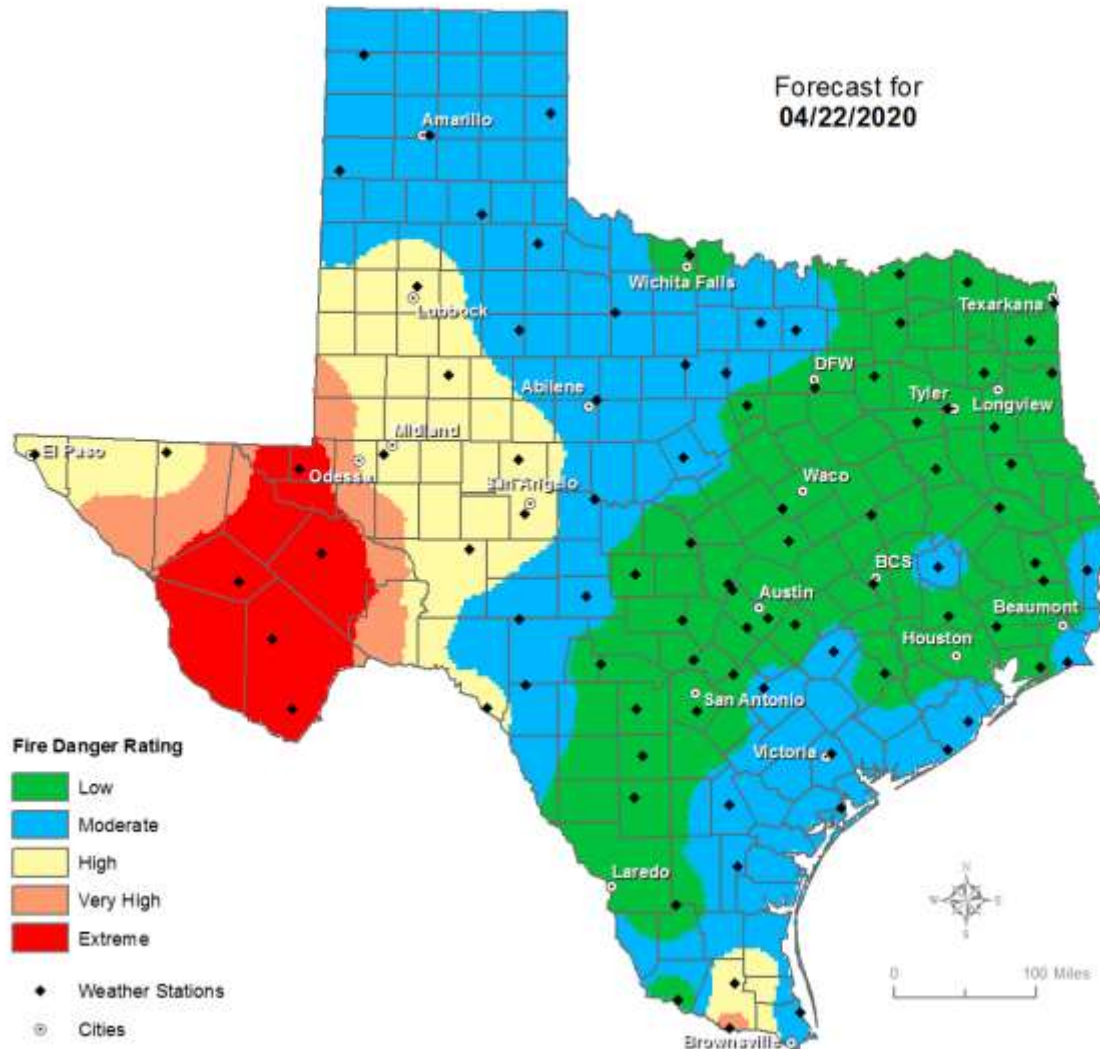


# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/21/20	Severe Thunderstorm Warning	Baylor, Dallam, Gray, Hansford, Hartley, Haskell, Hemphill, Hutchinson, Knox, Lipscomb, Moore, Red River, Roberts, Stonewall, Throckmorton, Wheeler, Wichita, and Wilbarger Counties
04/21/20	Small Stream Flood Advisory	Coleman County
04/21/20	Flood Advisory	Hemphill and Roberts Counties
04/21/20	Flood Watch	Sabine, San Augustine and Shelby Counties
04/22/20	Flood Warning	Sabine River Near Mineola Affecting Wood and Smith Counties
04/22/20	Severe Thunderstorm Warning	Clay, Gray, Hansford, Hartley, Hemphill, Hutchinson, Lipscomb, Moore, Ochiltree, Oldham, Potter, Red River and Roberts Counties
04/22/20	Flash Flood Watch	Angelina, Cherokee, Harrison, Nacogdoches, Panola, Rusk, Sabine, San Augustine and Shelby Counties

# Fire Danger Forecast

## Forecast Fire Danger





# Burn Ban

## OUTDOOR BURN BANS

April 17, 2020

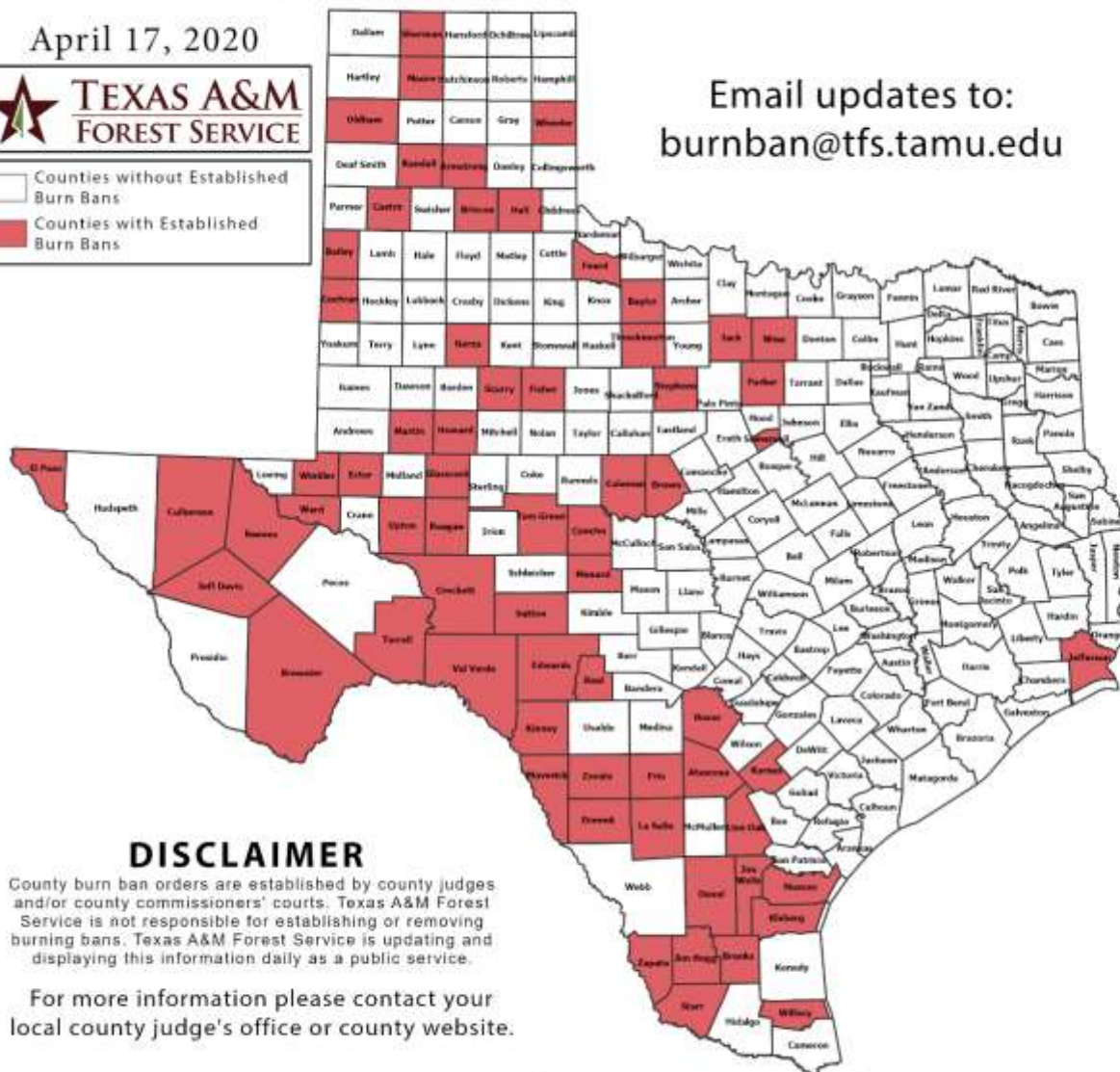


Counties without Established Burn Bans  
 Counties with Established Burn Bans

Email updates to:  
burnban@tfs.tamu.edu

### Counties with Burn Bans: 66

Armstrong	Kinney
Atascosa	Kleberg
Bailey	La Salle
Baylor	Live Oak
Bexar	Martin
Brewster	Maverick
Briscoe	Menard
Brooks	Moore
Brown	Nueces
Castro	Oldham
Cochran	Parker
Coleman	Randall
Concho	Reagan
Crockett	Real
Culberson	Reeves
Dimmit	Scurry
Duval	Sherman
Ector	Somervell
Edwards	Starr
El Paso	Stephens
Fisher	Sutton
Foard	Terrell
Frio	Throckmorton
Garza	Tom Green
Glasscock	Upton
Hall	Val Verde
Howard	Ward
Jack	Wheeler
Jeff Davis	Willacy
Jefferson	Winkler
Jim Hogg	Wise
Jim Wells	Zapata
Karnes	Zavala



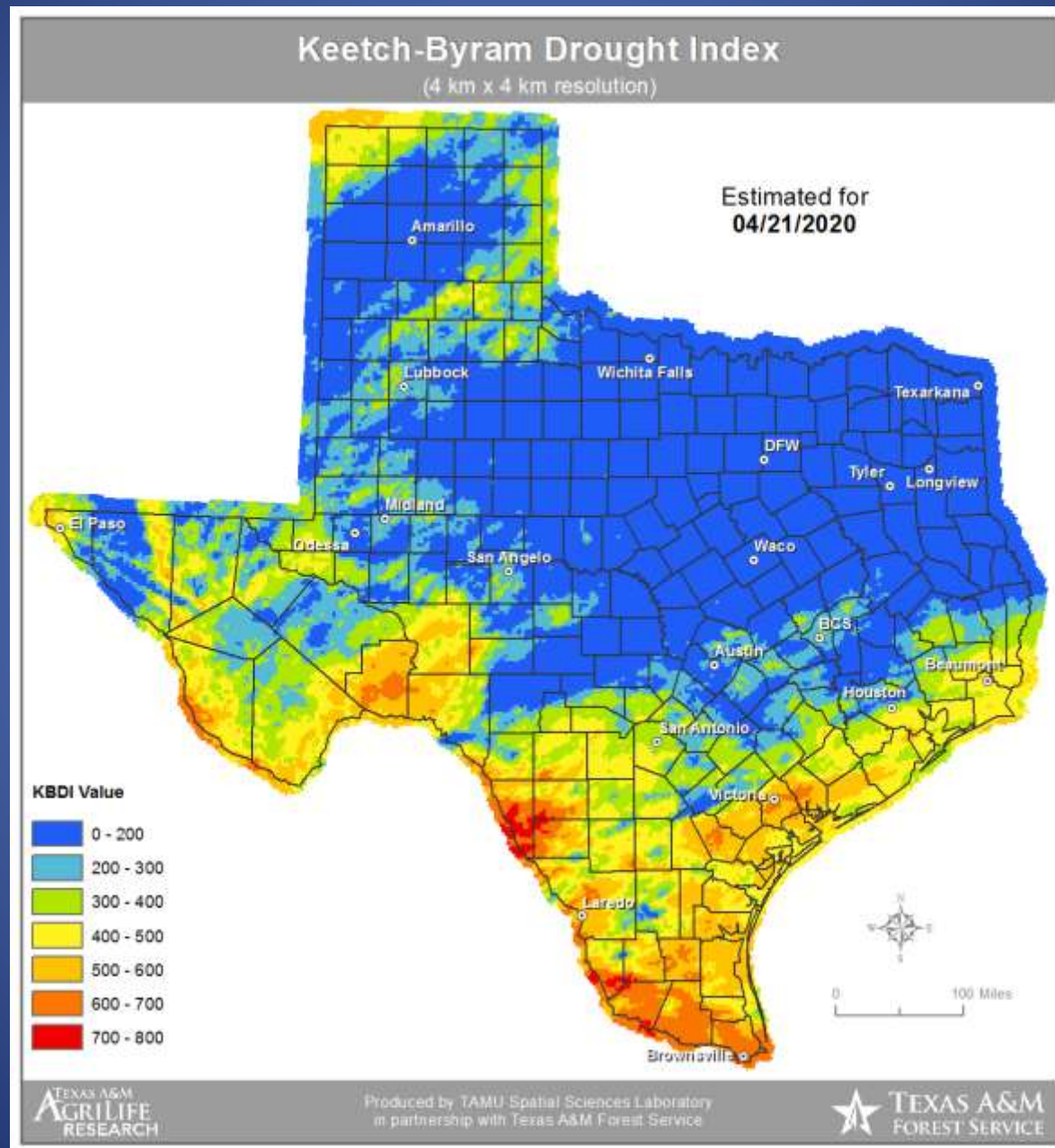
### DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

# Keetch-Byram Drought Index





# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
04/21/20	Red Flag Warning	El Paso County
04/22/20	Red Flag Warning	Brewster, Crockett, Culberson, Irion, Jeff Davis,. Loving, Pecos, Presidio, Reeves, Schleicher, Sutton, Terrell, Ward and Winkler Counties

# Fire Activity (\*Last 24 Hours)

Reports 82 (+2) fires and 10,340 (+198) acres destroyed this year. There are 66 (no change) counties with burn bans. The Keetch–Byram Drought Index list 42 (+3) counties with an average over 400.

